SALES APPLICATION ON DISTRO SOUPLAY

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Abstract

The development of the business world is now inseparable from the support of technology, especially computer technology and information because in increasingly modern economic activities are needed the existence of computer technology to support and facilitate all economic activities to achieve these goals. With the use of computers as a tool in Distro Souplay does not mean without problems, there are still troublesome things and obstacles to create a comfortable and efficient atmosphere while in Distro suoplay. The accumulation of irregular goods data. The slow search for data needed when ordering an item of goods Adds knowledge and insights, especially about the sale of goods and implements the science obtained in lectures into the business world..

Introduction

The development of this world is currently running very rapidly which creates an increasingly tight competition (Sastro M, 2017). Accompanied by the development of information technology, causing the flow of information that is difficult to obtain can now be easily obtained according to needs (Crotty, 2005). Computer is a device needed for the process of presenting data processing so that the processed data can provide the necessary information can be realized (Simarmata et al., 2020).

The development of the business world is now inseparable from the support of technology, especially computer technology and information because in increasingly modern economic activities are needed the existence of computer technology to support and facilitate all economic activities in order to achieve these goals (Van den Ende & Kemp, 1999). With the use of computers as a tool in Distro Souplay does not mean without problems, there are still troublesome things and obstacles to create a comfortable and efficient atmosphere while in Distro suoplay (Al-Mubarak et al., 2007). The accumulation of irregular goods data. Slow search of required data when ordering an item (Talib, 2014).

So to be able to produce information quickly and accurately can not be met. Almost every work related to accuracy and speed in data processing is done with this tool (Sumakul, 2015). Despite the large amount of data, the presentation of the results can be completed in a short time. Distro is a shop that sells a variety of goods such as clothing, pants, jackets, shoes and others (Kim, 2013). Which is a major need for everyone now. More importantly, especially young people, therefore business in this field will be very promising for now and in the future (Mutoharoh, 2018).

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Based on the description above, the author is interested in creating an Application for the sale of goods in Distro Suoplay that will help the Distro in running its business better and is expected to improve the performance and quality that has existed, especially in terms of sales transactions of Distro goods (Indrajani, 2011). The title the author took for the final task was "Sales App On Distro Suoplay"

Distro Suoplay is a shop engaged in the sale of shoes, pants and others. Distro's business unit is growing in all indonesian entrepreneurs.

Method

Research objectives

The objectives to be achieved by writing this final task are as follows: A. As one of the requirements to complete diploma III (D3) program.
B. Implementation of goods sales program using Visual Basic.

Benefits of research

Benefits of research This final task, supporting the sales program system, among others:

a. Presenting an application program for the sale of goods that is expected to be one of the alternatives in solving problems faced by the owners of Distro Suoplay.
b. Development of sales program system that can help to implement or implementation of sales program application in Distro Suoplay in running its business better and can improve performance and quality, especially in terms of sales transactions of special goods Distro Suoplay.
c. Adding knowledge and insights, especially about the sale of goods and implementing the science obtained in lectures into the business world.

Results and Discussion
A. System Design
   1. Entity Relationship Diagram / ERD
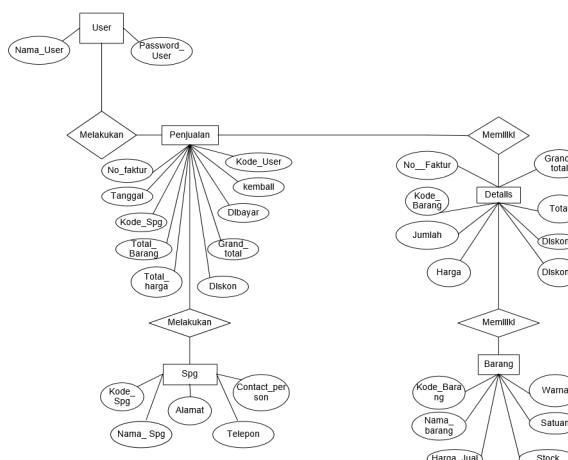
Figure 1
Entity Relationship Diagram

2. Running System

Table 1
Proposed System Document
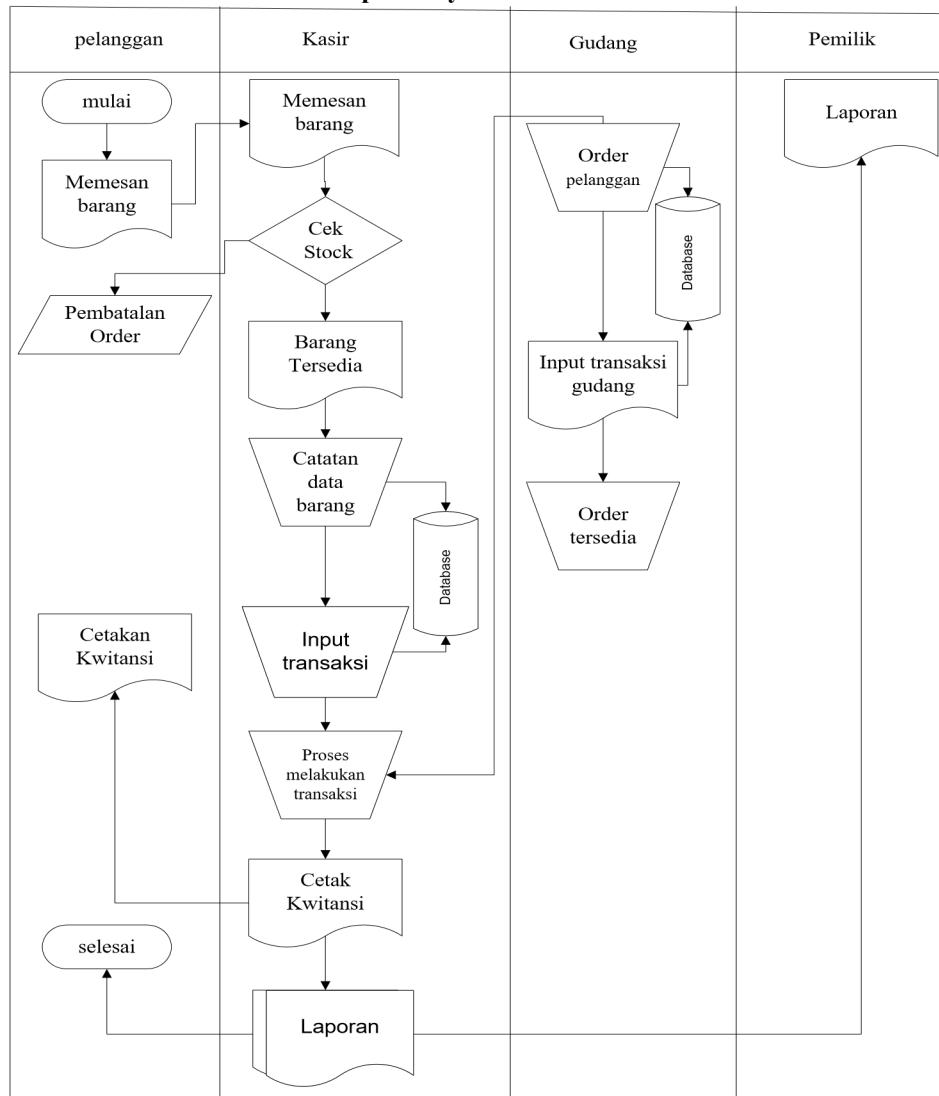
3. Normalization
   a.Unormalisasi

Table 2
Transaction Table

No_faktur	Kode_Barang	Nama_Barang	Jumlah
1101010000000	110011	T-shirt Ouval	1
110601000000	110022	Kemeja Bloods	1

Diskon	Total_Harga	Dibayar	Kembali
10%	135000	150000	15000
10%	180000	200000	20000

Nama_Spg	Grand_total	Tanggal
Diar	135000	11/Oktber/2016
Diar	200000	11/Oktber/2017

b. Normal Shape To One (1 NF)

Table 3
Transaction Table

*No_faktur	*Kode_Barang	Nama_Barang	Jumlah
1101010000000	110011	T-shirt Ouval	1
110601000000	110022	Kemeja Bloods	1

Diskon	Total_Harga	Dibayar	Kembali
10%	135000	150000	15000
10%	180000	200000	20000

Grand_Total	*Nama_Spg	Tanggal
135000	Diar	11/Oktber/2016
200000	Diar	11/Oktber/2017

Description: * candidate key

c. Second Normalization Shape (2 NF)

Table 4
Transaction Table

*No_faktur	**Kode_Barang	Nama_Barang	Jumlah
1101010000000	110011	T-shirt Ouval	1
110601000000	110022	Kemeja Bloods	1

Diskon	Total_Harga	Dibayar	Kembali
10%	135000	150000	15000
			10% 180000
200000	20000		

**Nama_Spg	Grand_total	Tanggal
Diar	135000	11/Oktber/2016
Diar	200000	11/Oktber/2016

Description: *primary key guest key**

Table 5
Goods Table

**Kode_Barang	Nama_Barang	Satuan	Total_Harga
110011	T-shirt Ouval	1	135000
110022	Kemeja Bloods	1	180000

Table 6 Table
Spg

**Nama_Spg	Kode_Spg	Alamat	Telepon
Diar	Spg01	Bekasi	81290494949
Diar	Spg01	Bekasi	81290494949

4. Program View Design
   a. Login Menu Design

Figure 2 Login
Menu Design

b. Main Menu Design

Figure 3
Main Menu Design

c. Sales Report Menu Design

Figure 4
Sales Report Menu Design

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B. Implementation
a. Relationships between Tables
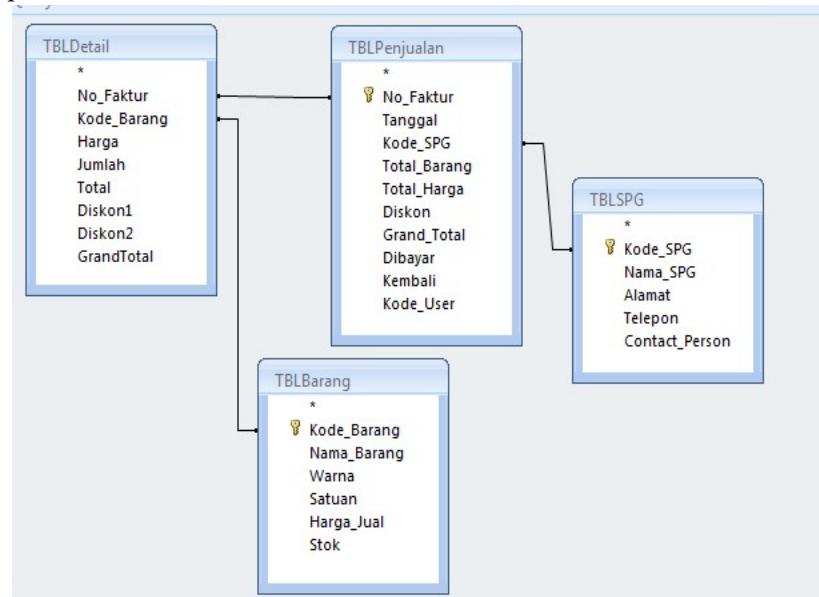
Figure 5
Relationships between Tables

1. Database Structure
a. File Structure Goods
   Name File : Goods
   Function : Entering the ITEM ID Code
   Software : Ms. Acces

Table 7
Goods File Structure

Nama Field	Type Data	Size	Discription
Kode Barang	Text	13	
Nama barang	Text	30	
Warna	Text	15	
Satuan	Text	10	
Harga jual	Number	Long Integer	
Stok	Number	Integer	

A. Sales File Structure
   File Name : Sales
   Function : Entering Invoice No Code
   Software : Ms. Acces

Table 8
Sales File Structure

Nama Field	Tipe Barang	Size	Discription
No Faktur	Text	10	
Tanggal	Date/Time		
Kode_Spg	Text	5	
Total_Barang	Number	Integer	
Total_Harga	Number	Long Integer	
Diskon	Number	Long Integer	
Grand_Total	Number	Long Integer	
Dibayar	Number	Long Integer	
Kembali	Number	Long Integer	

a. File Structure Spg
   Name File : Spg
   Function : Entering Code Spg
   Software : Ms. Acces

Table 9
File Structure Spg

Nama Field	Tipe Data	Size	Discription
Kode_Spg	Text	5	
Nama_Spg	Text	30	
Alamat	Text	30	
Telepon	Text	15	
Contact_Person	Text	30	

b. Main Menu Display, Program Input and Output (Order from start to end of program)
1. Application Input Display
   a) Form Login

Figure 6
Login Form View

b) Form main Menu

Figure 7
Main Menu Form View

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a) Form Data Goods

**Figure 8 Display of
Goods Data**

b) Form Data Spg

**Figure 9
View Data Spg**

c) Form Sales Transactions

**Figure 10
Sales Transaction View**

d) Form Sales Report

Figure 11
Sales Report View

2. Application Output Display
   a. Sales Data Report

Figure 12
Sales Report View

b. Sales Data Report between Spg

Figure 13
Sales Data View between Spg

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Conclusion

Based on the subject matter in the discussion that has been described in the previous chapters, the author can draw some conclusions including the processing of sales data of Distro Souplay is still piled on the Note. So when data storage error rate is still frequent, sales data of goods that have not been effective and data storage is inefficient. With the application of distro souplay sales program submitted has been computerized so that it can display accurate data so that it can facilitate the process of work. The application of Distro Souplay sales program improves performance and human resources so that it can create a fast and effective work process. With the application of distro souplay sales program can create ease in data storage and search..

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